

AMENDMENTS TO THE SPECIFICATION

Please delete the Title as filed and replace it with the following new Title:

ENERGY EFFICIENT ELEVATOR SYSTEM

After paragraph [0005], please add the following new paragraph [0005.1]:

[0005.1] Fig. 2 is a block diagram depicting an alternate embodiment of the present invention.

Please replace paragraph [0007] with the following amended paragraph:

[0007] In a preferred embodiment, an elevator is powered by a DC motor 10 controlled by a variable speed drive 15 (VSD) is having an isolation transformer 15a, a plurality of silicon controlled rectifiers 15b, control electronics 15c, and a ripple filter 15d. A three phase contactor 21 is connected to the line side of the isolation transformer of the VSD 15 and the AC supply grid 25, which may be a three phase AC power source. A control system, such as logic controller 28 is connected to the AC supply grid 25 and has an output device 30 connected to the three phase contactor 21 that controls the three phase contactor to disconnect the VSD 15 from an AC supply grid 25 when elevator service is not required. When the control system 28 supplies power to the coil 21a of the contactor 21, the contactor 21 connects the VSD 15 to the AC supply grid 25. When the control system 28 does not supply power to the coil of the contactor 21, the contactor 21 disconnects the VSD 15 from the AC supply grid 25. The control system 28 remains connected to and continues to be powered by the AC supply grid 25 even when the VSD 15 is disconnected from the AC supply grid.

Please replace paragraph [0008] with the following amended paragraph:

[0008] In an alternate embodiment, as seen in FIG. 2, the contactor is replaced with a solid state device 21' such as a switch. In this case, the control system has an output device that controls the gate 21'a of the solid state device.